

## **RAW SEQUENCE LISTING**

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Application Serial Number: 10/533726  
Source: PCT  
Date Processed by STIC: 5/12/15

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RAW SEQUENCE LISTING  
 PATENT APPLICATION: US/10/533,726

DATE: 05/12/2005  
 TIME: 08:13:35

Input Set : A:\11441us.ST25.txt  
 Output Set: N:\CRF4\05122005\J533726.raw

3 <110> APPLICANT: The Council of the Queensland Institute of Medical Research  
 4 Khanna, Rajiv  
 5 Jaikumar, Duraiswamy  
 7 <120> TITLE OF INVENTION: Epstein Barr Virus Peptide Epitopes, Polyepitopes and  
 Delivery  
 8 System Therefor  
 10 <130> FILE REFERENCE: 11441US2  
 C--> 12 <140> CURRENT APPLICATION NUMBER: US/10/533,726  
 C--> 13 <141> CURRENT FILING DATE: 2005-05-04  
 15 <150> PRIOR APPLICATION NUMBER: 2003901792  
 16 <151> PRIOR FILING DATE: 2003-04-15  
 18 <150> PRIOR APPLICATION NUMBER: 2002952524  
 19 <151> PRIOR FILING DATE: 2002-11-07  
 21 <160> NUMBER OF SEQ ID NOS: 125  
 23 <170> SOFTWARE: PatentIn version 3.3  
 25 <210> SEQ ID NO: 1  
 26 <211> LENGTH: 9  
 27 <212> TYPE: PRT  
 28 <213> ORGANISM: Epstein Barr Virus  
 30 <400> SEQUENCE: 1  
 32 Tyr Leu Gln Gln Asn Trp Trp Thr Leu  
 33 1 5  
 36 <210> SEQ ID NO: 2  
 37 <211> LENGTH: 9  
 38 <212> TYPE: PRT  
 39 <213> ORGANISM: Epstein Barr Virus  
 41 <400> SEQUENCE: 2  
 43 Glu Ser Asp Ser Asn Ser Asn Glu Gly  
 44 1 5  
 47 <210> SEQ ID NO: 3  
 48 <211> LENGTH: 9  
 49 <212> TYPE: PRT  
 50 <213> ORGANISM: Epstein Barr Virus  
 52 <400> SEQUENCE: 3  
 54 Tyr Leu Leu Glu Met Leu Trp Arg Leu  
 55 1 5  
 58 <210> SEQ ID NO: 4  
 59 <211> LENGTH: 3  
 60 <212> TYPE: PRT  
 61 <213> ORGANISM: Epstein Barr Virus  
 63 <400> SEQUENCE: 4  
 65 Gln Arg His  
 66 1  
 69 <210> SEQ ID NO: 5

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70 <211> LENGTH: 5  
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74 <400> SEQUENCE: 5  
76 Ala Gly Asn Asp Gly  
77 1 5  
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81 <211> LENGTH: 3  
82 <212> TYPE: PRT  
83 <213> ORGANISM: Epstein Barr Virus  
85 <400> SEQUENCE: 6  
87 Gln Asn Trp  
88 1  
91 <210> SEQ ID NO: 7  
92 <211> LENGTH: 4  
93 <212> TYPE: PRT  
94 <213> ORGANISM: Epstein Barr Virus  
96 <400> SEQUENCE: 7  
98 Val Leu Tyr Ser  
99 1  
102 <210> SEQ ID NO: 8  
103 <211> LENGTH: 6  
104 <212> TYPE: PRT  
105 <213> ORGANISM: Epstein Barr Virus  
107 <400> SEQUENCE: 8  
109 Asp Ser Asn Ser Asn Glu  
110 1 5  
113 <210> SEQ ID NO: 9  
114 <211> LENGTH: 9  
115 <212> TYPE: PRT  
116 <213> ORGANISM: Epstein Barr Virus  
118 <400> SEQUENCE: 9  
120 Gln Arg His Ser Asp Glu His His His  
121 1 5  
124 <210> SEQ ID NO: 10  
125 <211> LENGTH: 9  
126 <212> TYPE: PRT  
127 <213> ORGANISM: Epstein Barr Virus  
129 <400> SEQUENCE: 10  
131 Gly Gln Arg His Ser Asp Glu His His  
132 1 5  
135 <210> SEQ ID NO: 11  
136 <211> LENGTH: 9  
137 <212> TYPE: PRT  
138 <213> ORGANISM: Epstein Barr Virus  
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142 Tyr Tyr His Gly Gln Arg His Ser Asp  
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146 <210> SEQ ID NO: 12

## RAW SEQUENCE LISTING

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151 <400> SEQUENCE: 12  
153 Trp Met Tyr Tyr His Gly Gln Arg His  
154 1 5  
157 <210> SEQ ID NO: 13  
158 <211> LENGTH: 12  
159 <212> TYPE: PRT  
160 <213> ORGANISM: Epstein Barr Virus  
162 <400> SEQUENCE: 13  
164 Tyr Tyr His Gly Gln Arg His Ser Asp Glu His His  
165 1 5 10  
168 <210> SEQ ID NO: 14  
169 <211> LENGTH: 12  
170 <212> TYPE: PRT  
171 <213> ORGANISM: Epstein Barr Virus  
173 <400> SEQUENCE: 14  
175 Ile Trp Met Tyr Tyr His Gly Gln Arg His Ser Asp  
176 1 5 10  
179 <210> SEQ ID NO: 15  
180 <211> LENGTH: 17  
181 <212> TYPE: PRT  
182 <213> ORGANISM: Epstein Barr Virus  
184 <400> SEQUENCE: 15  
186 Leu Ile Trp Met Tyr Tyr His Gly Gln Arg His Ser Asp Glu His His  
187 1 5 10 15  
190 His  
194 <210> SEQ ID NO: 16  
195 <211> LENGTH: 9  
196 <212> TYPE: PRT  
197 <213> ORGANISM: Epstein Barr Virus  
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201 Ala Gly Asn Asp Gly Gly Pro Pro Gln  
202 1 5  
205 <210> SEQ ID NO: 17  
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207 <212> TYPE: PRT  
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212 Pro Ser Asp Ser Ala Gly Asn Asp Gly  
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218 <212> TYPE: PRT  
219 <213> ORGANISM: Epstein Barr Virus  
221 <400> SEQUENCE: 18  
223 Ser Asp Ser Ala Gly Asn Asp Gly Gly Pro Pro Gln  
224 1 5 10

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Input Set : A:\11441us.ST25.txt  
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227 <210> SEQ ID NO: 19  
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234 Asp Ser Ala Gly Asn Asp Gly Gly Pro Pro Gln Leu  
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238 <210> SEQ ID NO: 20  
239 <211> LENGTH: 17  
240 <212> TYPE: PRT  
241 <213> ORGANISM: Epstein Barr Virus  
243 <400> SEQUENCE: 20  
245 Pro His Ser Pro Ser Asp Ser Ala Gly Asn Asp Gly Gly Pro Pro Gln  
246 1 5 10 15  
249 Leu  
253 <210> SEQ ID NO: 21  
254 <211> LENGTH: 9  
255 <212> TYPE: PRT  
256 <213> ORGANISM: Epstein Barr Virus  
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260 Ile Ala Leu Tyr Leu Gln Gln Asn Trp  
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264 <210> SEQ ID NO: 22  
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266 <212> TYPE: PRT  
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271 Ala Leu Tyr Leu Gln Gln Asn Trp Trp  
272 1 5  
275 <210> SEQ ID NO: 23  
276 <211> LENGTH: 9  
277 <212> TYPE: PRT  
278 <213> ORGANISM: Epstein Barr Virus  
280 <400> SEQUENCE: 23  
282 Gln Asn Trp Trp Thr Leu Leu Val Asp  
283 1 5  
286 <210> SEQ ID NO: 24  
287 <211> LENGTH: 9  
288 <212> TYPE: PRT  
289 <213> ORGANISM: Epstein Barr Virus  
291 <400> SEQUENCE: 24  
293 Leu Tyr Leu Gln Gln Asn Trp Trp Thr  
294 1 5  
297 <210> SEQ ID NO: 25  
298 <211> LENGTH: 12  
299 <212> TYPE: PRT  
300 <213> ORGANISM: Epstein Barr Virus  
302 <400> SEQUENCE: 25  
304 Ile Ala Leu Tyr Leu Gln Gln Asn Trp Trp Thr Leu

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Input Set : A:\11441us.ST25.txt  
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305 1 5 10  
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309 <211> LENGTH: 12  
310 <212> TYPE: PRT  
311 <213> ORGANISM: Epstein Barr Virus  
313 <400> SEQUENCE: 26  
315 Tyr Leu Gln Gln Asn Trp Trp Thr Leu Leu Val Asp  
316 1 5 10  
319 <210> SEQ ID NO: 27  
320 <211> LENGTH: 17  
321 <212> TYPE: PRT  
322 <213> ORGANISM: Epstein Barr Virus  
324 <400> SEQUENCE: 27  
326 Leu Ile Ile Ala Leu Tyr Leu Gln Gln Asn Trp Trp Thr Leu Leu Val  
327 1 5 10 15  
330 Asp  
334 <210> SEQ ID NO: 28  
335 <211> LENGTH: 10  
336 <212> TYPE: PRT  
337 <213> ORGANISM: Epstein Barr Virus  
339 <400> SEQUENCE: 28  
341 Ala Leu Leu Val Leu Tyr Ser Phe Ala Leu  
342 1 5 10  
345 <210> SEQ ID NO: 29  
346 <211> LENGTH: 9  
347 <212> TYPE: PRT  
348 <213> ORGANISM: Epstein Barr Virus  
350 <400> SEQUENCE: 29  
352 Leu Leu Val Leu Tyr Ser Phe Ala Leu  
353 1 5  
356 <210> SEQ ID NO: 30  
357 <211> LENGTH: 9  
358 <212> TYPE: PRT  
359 <213> ORGANISM: Epstein Barr Virus  
361 <400> SEQUENCE: 30  
363 Ala Leu Leu Val Leu Tyr Ser Phe Ala  
364 1 5  
367 <210> SEQ ID NO: 31  
368 <211> LENGTH: 9  
369 <212> TYPE: PRT  
370 <213> ORGANISM: Epstein Barr Virus  
372 <400> SEQUENCE: 31  
374 Val Leu Tyr Ser Phe Ala Leu Met Leu  
375 1 5  
378 <210> SEQ ID NO: 32  
379 <211> LENGTH: 12  
380 <212> TYPE: PRT  
381 <213> ORGANISM: Epstein Barr Virus  
383 <400> SEQUENCE: 32

**VERIFICATION SUMMARY**

PATENT APPLICATION: US/10/533,726

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L:12 M:270 C: Current Application Number differs, Replaced Current Application Number

L:13 M:271 C: Current Filing Date differs, Replaced Current Filing Date